NOTE HIGHEST REF R105 C120 U119

68000/12
U101

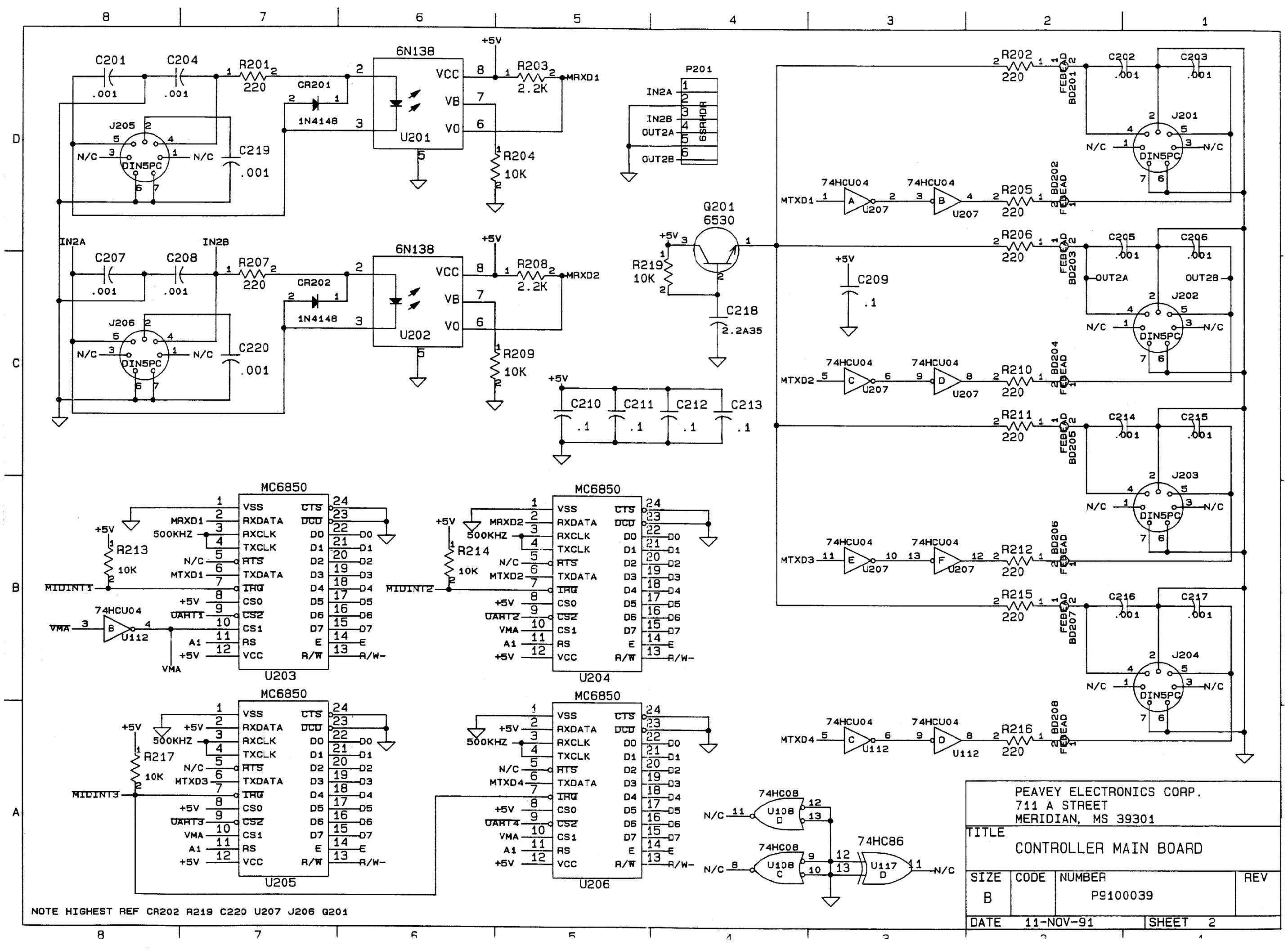
99000059
U104

99000060
U105

TC551001
U102

TC551001
U103

PEAVEY ELECTRONICS CORP. 711 A STREET MERIDIAN, MS 39301			
TITLE CONTROLLER MAIN BOARD			
SIZE B	CODE	NUMBER P9100039	RE
DATE 26-MAR-92		SHEET 1	


C201 .001
C204 .001
R201 220
CR201 1N4148
6N138
U201
VCC VB VO
+5V
R203 2.2K
MRXD1
R204 10K
J205 DIN5PC
N/C
C219 .001
P201 6SRHDR
IN2A IN2B OUT2A OUT2B
Q201 6530
R219 10K
C218 2.2A35
C207 .001
C208 .001
R207 220
CR202 1N4148
U202
R208 2.2K
MRXD2
R209 10K
J206 DIN5PC
C220 .001
C209 .1
C210 .1
C211 .1
C212 .1
C213 .1
R202 220
C202 .001
C203 .001
J201 DIN5PC
FEBEAD BD201
R205 220
FEBEAD BD202
74HCU04 U207
MTXD1
R206 220
C205 .001
C206 .001
J202 DIN5PC
OUT2A OUT2B
R210 220
FEBEAD BD204
MTXD2
R211 220
C214 .001
C215 .001
J203 DIN5PC
FEBEAD BD205
R212 220
FEBEAD BD206
MTXD3
R215 220
C216 .001
C217 .001
J204 DIN5PC
FEBEAD BD207
R216 220
FEBEAD BD208
MTXD4
MC6850
U203
U204
U205
U206
R213 10K
R214 10K
R217 10K
500KHZ
MIDINT1
MIDINT2
MIDINT3
VMA
74HCU04 U112
74HC08 U108
74HC86 U117
NOTE HIGHEST REF CR202 R219 C220 U207 J206 G201
PEAVEY ELECTRONICS CORP.
711 A STREET
MERIDIAN, MS 39301
TITLE
CONTROLLER MAIN BOARD
SIZE B
CODE
NUMBER P9100039
REV
DATE 11-NOV-91
SHEET 2

NOTE HIGHEST REF CR301 R303 C313 HDR301 U311

CR301 1N4148
R302 10K
C304 .1
C300 2.2A35 +5V
74HC4020 U302
16MHZ CLK
RESET
N/C Q1
N/C Q4
500KHZ Q5
N/C Q6
Q7 N/C
Q8 N/C
Q9 N/C
Q10 N/C
Q11 RFRCLK
Q12 N/C
Q13 N/C
Q14
74HCT74 U306
+5V
CLRTMR
N/C
TIMINT
12.288M Y301
74HCU04 U307
12.288MA
12.288MB
R301 470K
C301 39PF
C302 39PF
C303 .1
C305 .1
C307 .1
C306 .1
C308 .1
C309 .1
U301 80C31
RES VCC PSEN
OUT2 INT0-
OUT3 INT1-
VSS
EA-
RETC0 P1.7
RETC1 P1.6
RETC2 P1.5
RETC3 P1.4
RETC4 P1.3
RETC5 P1.2
RETC6 P1.1
RETC7 P1.0
TSEL
SCNSTAT T1
OUT0 RXD
TXD X1 X2 WR-RD-
OUT1
ALE
P2.0 SA8
P2.1 SA9
P2.2 SA10
P2.3 SA11
P2.4 SA12
P2.5 N/C
P2.6 N/C
P2.7 N/C
P0.7 SD7
P0.6 SD6
P0.5 SD5
P0.4 SD4
P0.3 SD3
P0.2 SD2
P0.1 SD1
P0.0 SD0
74HC573 U303
1D 1Q
2D 2Q
3D 3Q
4D 4Q
5D 5Q
6D 6Q
7D 7Q
8D 8Q
ENC
OC
2764 U304
OE VPP PGM NC CE
A12 A11 A10 A9 A8 A7 A6 A5 A4 A3 A2 A1 A0
D0 D1 D2 D3 D4 D5 D6 D7
74HC574 U305
SD0 SD1 SD2 SD3 SD4 SD5 SD6 SD7
SWR
SCANHD
1D 1Q
2D 2Q
3D 3Q
4D 4Q
5D 5Q
6D 6Q
7D 7Q
8D 8Q
CLK
OC
D0 D1 D2 D3 D4 D5 D6 D7
74HCT74 U306
PR
CLR
SCNSTAT
KBDINT
SCANHD
10KPUSIP RP301
RETC0 RETC1 RETC2 RETC3 RETC4 RETC5 RETC6 RETC7
R303 1K
74HCU04 U112
TSEL
BSEL
74HC02 U118
74HCT138 U308
OUT0 OUT1 OUT2 OUT3 BSEL TSEL
A B C G1 G2A G2B
Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7
SENDB0 SENDB1 SENDB2 SENDB3 SENDB4 SENDB5 SENDB6 SENDB7
74HCT138 U309
SENDT0 SENDT1 SENDT2 SENDT3 SENDT4 SENDT5 SENDT6 SENDT7
74HCT138 U310
SENDB8 SENDB9 SENDB10
74HCT138 U311
SENDT8 SENDT9 SENDT10
HDR301 40DRHDR
SENDT10 SENDB10 SENDT9 SENDB9 SENDT8 SENDB8 SENDT7 SENDB7 SENDT6 SENDB6 SENDT5 SENDB5 SENDT4 SENDB4 SENDT3 SENDB3 SENDT2 SENDB2 SENDT1 SENDB1 SENDT0 SENDB0

PEAVEY ELECTRONICS CORP.
711 A STREET
MERIDIAN, MS 39301

TITLE C8 KEY SCAN

SIZE	CODE	NUMBER	REV
B		P9100039	

DATE 11-NOV-91 SHEET 3

NOTE HIGHEST REF CR409 R424 C416 Q405 HDR402 U409 U402

PEAVEY ELECTRONICS CORP.
711 A STREET
MERIDIAN, MS 39301

TITLE: CONTROLLER A/D

SIZE	CODE	NUMBER	REV
B		P9100039	

DATE 11-NOV-91 SHEET 4

CV PEDAL INPUT 2 — J402 — RASN6165 — R416 2.2K — R417 1K — R419 100K — CR404 1N4148 — CR403 1N4148 — U406 TL072 — R418 1.5K — R420 2.2K — R422 10K — R421 1K — C413 .1 — C412 -12V — C411 +12V — CVIN2

CV PEDAL INPUT 1 — J401 — RASN6165 — R405 2.2K — R407 1K — R411 100K — CR402 1N4148 — CR401 1N4148 — U406 TL072 — R408 1.5K — R412 1K — R413 2.2K — R415 10K — C406 .1 — CVIN1

U403 74HCT174 — U307 74HCU04 — U307 74HC107 — MSTRST, MISCO, TCOUNT, TCLRTMR, TCLRTMM, DIAG, MOTON, FLPRST

U404 74HC573 — FPRST, ENC, RET7–RET0, SEND4–SEND0

U402 74HCT245 — DISP, R/W-, DIR, PADACTV, R424 100K

U401 74HC573 — MISCI, ENC, A/DSTAT, INDEX, FCINT, PADACTV, SWP4–SWP1

U407 74HC574 — FPSND, MODLED2–MODLED1, SEND4–SEND0, DTR

U408 TL072 — C410 .1 +5V

U409 HC32WPP — AS, HAMEN, BAC, C416 .1

CON5025 — HDR402 — TO SWITCH BOARD — SEND4–SEND2, RET3–RET0

P401 6SRHDR — TO MOD WHEEL BRD — MODLED2–MODLED1, SEND4–SEND2, RET2–RET0

C409 .1 +5V

C404 .1 +5V

C402 .1 +5V

C403 .1 +5V

C401 .1 +5V

74HC32 — U405 — VMA, DISP

HDR401 — 20DRHDR — +5V, BD6–BD0, N/C, LCDRST, A1, R/W-

U412 74HCU04 — R/W-

Q401 2N6534 — POT0510 — R401 4.7K — R400

Q402 2N6534 — R404 1K — R402 10K — R403 180 — ZD401 1N747

Q403 2N3919 — R410 180 — R406 150

Q404 2N3919 — R409 10K

Q405 2N3919 — R414 10K — MSTRST

C405 3.6VBAT 2.2A35 — B401 — R423 2.2M — U408 TL072 — SYSBAT

C408 -12V — C407 +12V

P402 4SRHDR — D32-43 — INV401 — C415 .1 — C414 22A25 — +5V

U409 HC32WPP — N/C

C408 -12V — C407 +12V

SHEET 1 2 3 4 5 6 7 8

NOTE HIGHEST REF CR508 R516 C516 HDR501 U506 J502

TO DISK DRIVE
P501
+5V
N/C
4PHDR

HDR501
34DRHG
N/C
INDEX
MOTON
DIRC
STEP
WRDAT
WRGAT
TR00
WRPRT
RDDAT
SIDE1

37C65
U501
LDS
UDS
FLPEN
A1
+5V
TCOUNT
D0
D1
D2
D3
D4
D5
D6
D7
N/C
FCINT
LDDR
LDCR
FLPRST
RD
WR
CS
A0
DACK
TC
D0
D1
D2
D3
D4
D5
D6
D7
DMA
IRQ
LDDR
LDCR
RST
RDD
VCC
IDX
TR00
WP
RWC/RPM
HD
MO2/DS4
MO1/DS3
DS2
GND
DS1
STEP
DIRC
WD
WE
HS
PCVAL
CLK1
DRV
CLK2
INDEX
TR00
WRPRT

C505 .1
R512 150
R505 150
R506 150
R507 150
R514 390
R511 2.2M
Y501 16MHZ
C508 39PF
C509 39PF
74HCU04 U307
C512 .1
C513 .1
C514 .1
C515 .1
C516 .1
74HCT74 U502
74HC08 U504
74HCT00 U503
74HCU04 U506
74HC393 U505
RFRCLK
MSTRST
BGACK
REFRESH
BG
AS

CR501 1N4148
CR502 1N4148
CR503 1N4148
CR504 1N4148
SWP2
SWP1
R501 10K
R502 1K
R503 4.7
R504 1K
R508 10K
C501 .1
C502 .001
C503 .1
C504 .001
BD501 FEBEAD
BD502 FEBEAD
J501
N/C
RASN6165 6 5
SWITCH PEDAL 1&2 INPUT

CR505 1N4148
CR506 1N4148
CR507 1N4148
CR508 1N4148
SWP4
SWP3
R509 10K
R510 1K
R513 4.7
R515 1K
R516 10K
C506 .1
C507 .001
C510 .1
C511 .001
BD503 FEBEAD
BD504 FEBEAD
J502
N/C
RASN6165 6 5
SWITCH PEDAL 3&4 INPUT

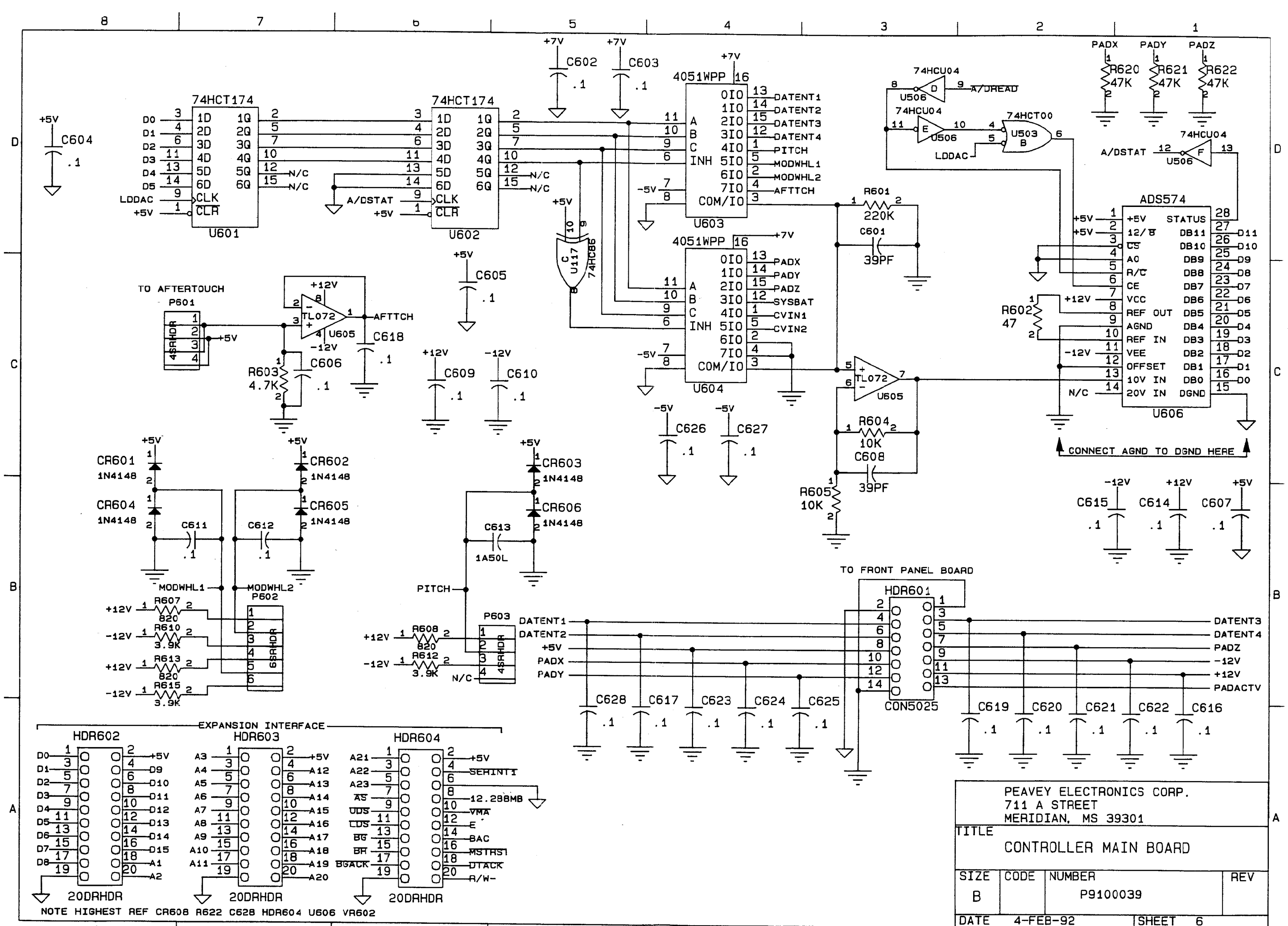
74HC08 U504 D
N/C

PEAVEY ELECTRONICS CORP.
711 A STREET
MERIDIAN, MS 39301

TITLE
CONTROLLER MAIN BOARD

SIZE	CODE	NUMBER	REV
B		P9100039	

DATE 10-OCT-91 SHEET 5


74HCT174
U601
74HCT174
U602
4051WPP
U603
4051WPP
U604
74HC86
U117
TL072
U605
74HCU04
U506
74HCT00
U503
ADS574
U606
TO AFTERTOUCH
P601
4SRHDR
AFTTCH
MODWHL1
MODWHL2
P602
6SRHDR
PITCH
P603
4SRHDR
DATENT1
DATENT2
DATENT3
DATENT4
PADX
PADY
PADZ
SYSBAT
CVIN1
CVIN2
PITCH
MODWHL1
MODWHL2
AFTTCH
A/DREAD
A/DSTAT
LDDAC
CONNECT AGND TO DGND HERE
TO FRONT PANEL BOARD
HDR601
CON5025
EXPANSION INTERFACE
HDR602
HDR603
HDR604
20DRHDR
NOTE HIGHEST REF CR608 R622 C628 HDR604 U606 VR602
PEAVEY ELECTRONICS CORP.
711 A STREET
MERIDIAN, MS 39301
TITLE
CONTROLLER MAIN BOARD
SIZE B
CODE
NUMBER P9100039
REV
DATE 4-FEB-92
SHEET 6

NOTE HIGHEST REF CR720 R709 C719 L701 VR703

P702
1 +12V
2 PSSYNC
3 -12V
4 +5V
5 GRNDR
6 MSTRST

P701
1
2
3
4
5
6 N/C
SPX6

PSSYNC C715 470PF R707 120 Q701 2N3919 R708 3.3K R709 4.7K CR714 1N4148 +5V

MSTRST

L296VR
CL IN OSC SYNC INH CMP CBIN SS GND OUT FB RIN DEL RSOUT CBOUT N/C
VR701

R701 1K

L701

CR701 MBR350

250U1.6A

C701 220A25

C702 .01

R702 47

+5V

C703 .1

C704 22A25

R706 1K

CR702 MR502
CR703 MR502
CR704 MR502
CR705 MR502

C707 2200V35

R704 33K
C708 .0033
R705 4.7K
C709 .001
R703 4.7K
C705 2.2A35
C706 10A50
C710 .022

7812T220
VR702
GND IN OUT
+12V

CR706 1N4003
CR707 1N4003
C712 1000A35
1N4148 CR709
C711 22A25
CR708 1N4003

1N4148 CR710
C713 1000A35
VR703
C714 22A25
CR711 1N4003
CR712 1N4003
CR713 1N4003

7912T220
GND IN OUT
-12V

LOCATE NEAR A/D SECTION

78L05
VR704
+12V GND IN OUT +7V

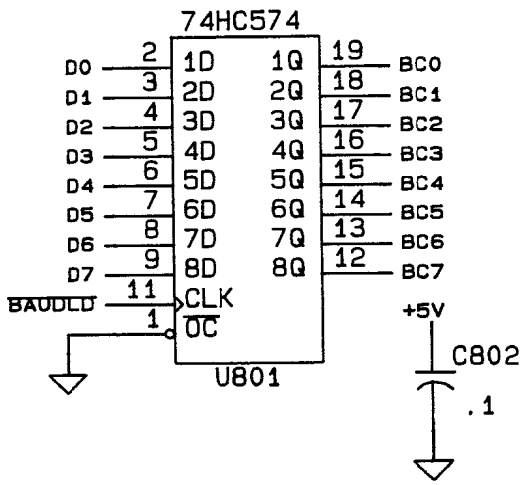
1N4148 CR716
1N4148 CR717
1N4148 CR720
C716 22A25
C717 2.2A35
CR718 1N4148
CR719 1N4148
C718 22A25
C719 2.2A35
VR705
-12V GND IN OUT -5V
79L05

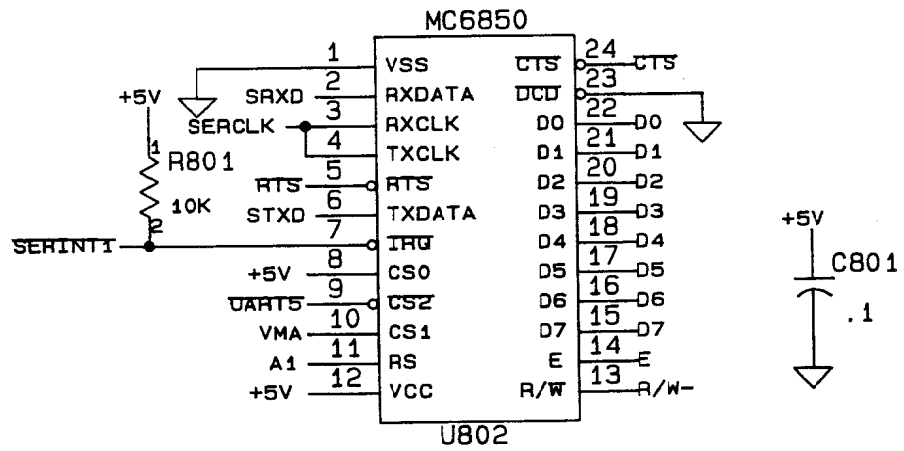
PEAVEY ELECTRONICS CORP.
711 A STREET
MERIDIAN, MS 39301

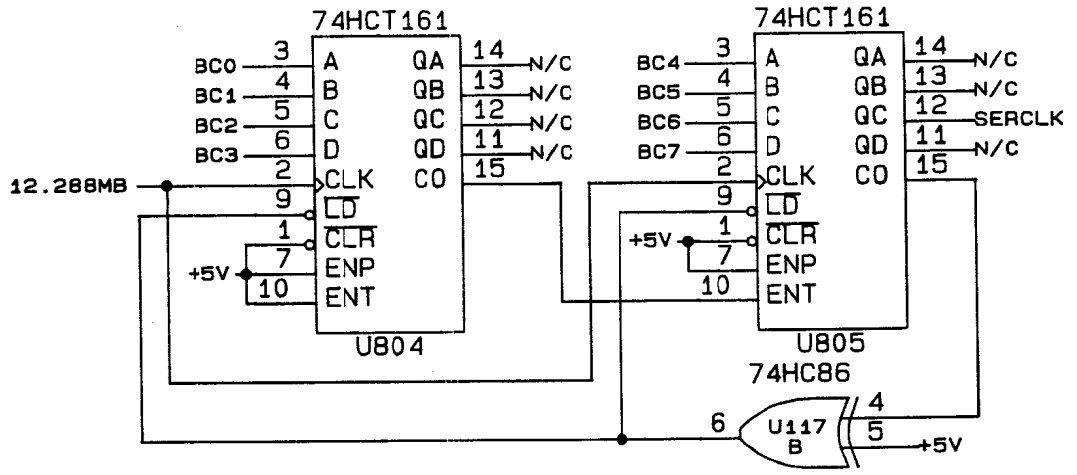
TITLE
C8 POWER SUPPLY

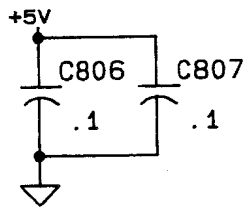
SIZE	CODE	NUMBER	REV
B		P9100039	

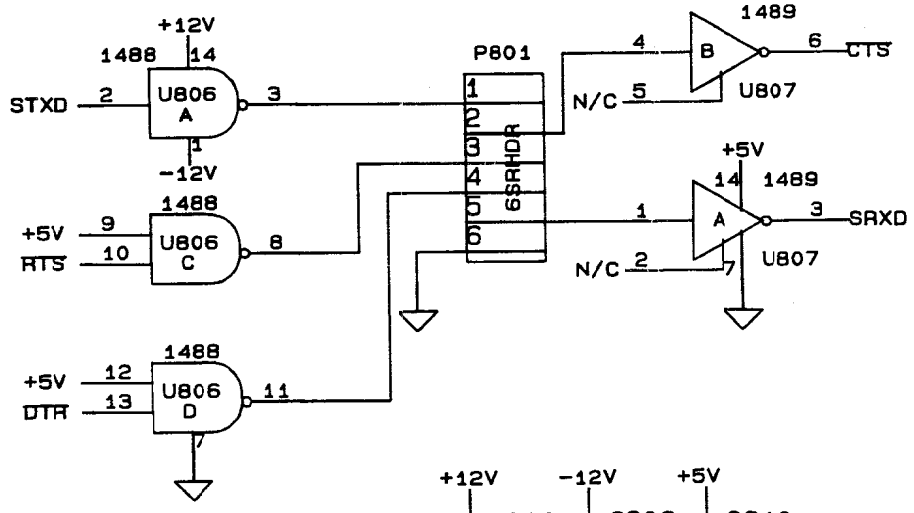
DATE 10-OCT-91 SHEET 7

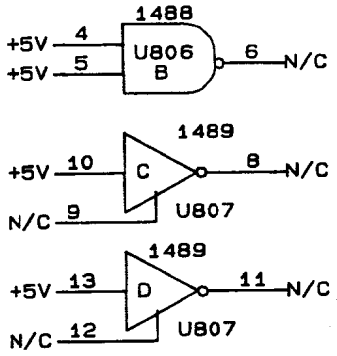


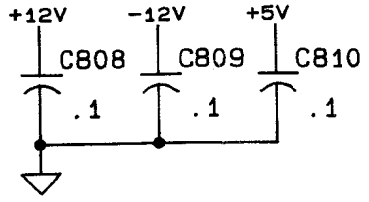












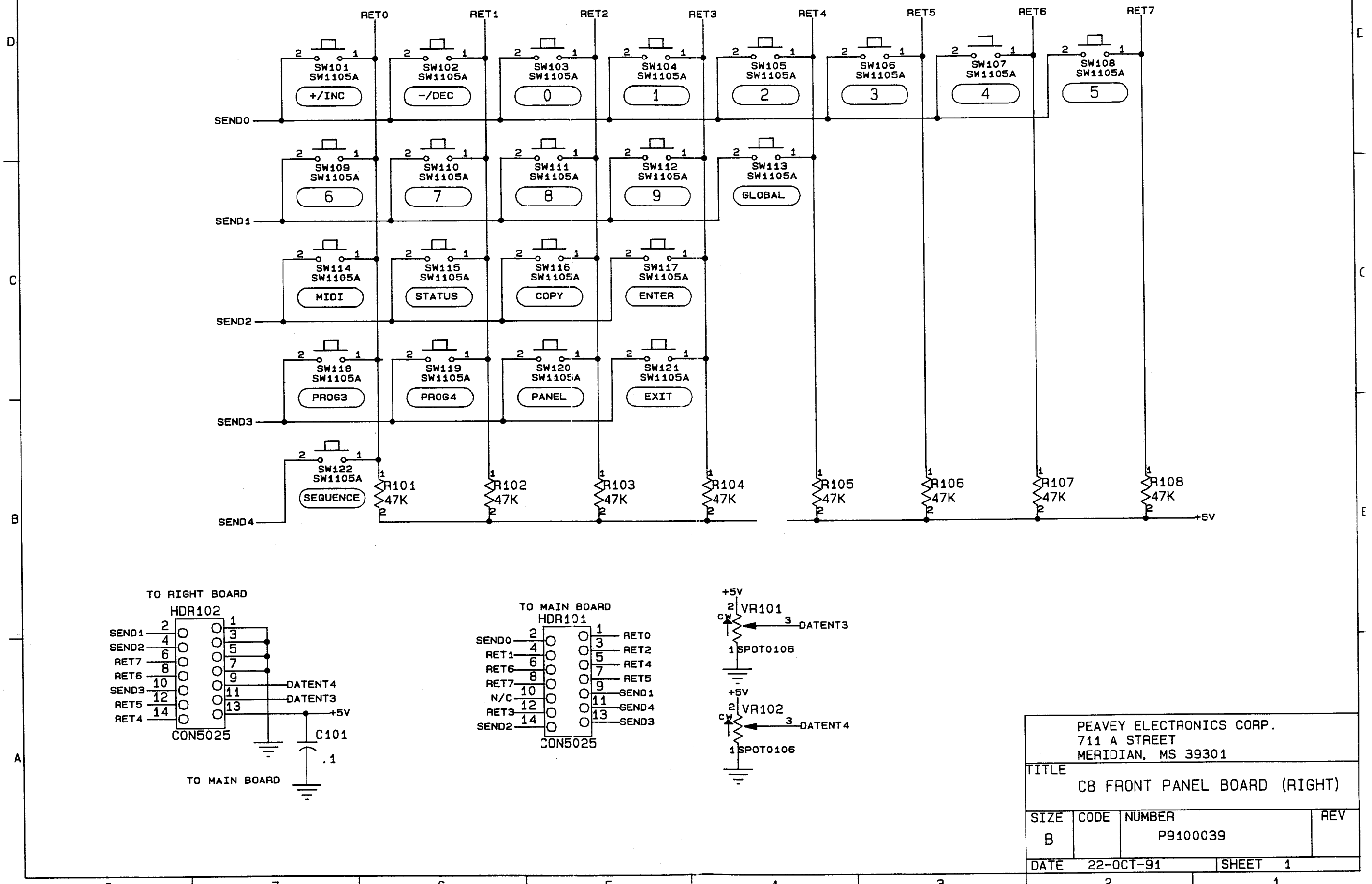
NOTE HIGHEST REF R802 C810 U807

PEAVEY ELECTRONICS CORP.
711 A STREET
MERIDIAN, MS 39301

TITLE
DPM C8 MAIN BOARD

SIZE	CODE	NUMBER	REV
B		P9100XXX	

DATE 4-FEB-92 SHEET 8



PEAVEY ELECTRONICS CORP.
711 A STREET
MERIDIAN, MS 39301

TITLE
C8 FRONT PANEL BOARD (RIGHT)

SIZE	CODE	NUMBER	REV
B		P9100039	

DATE 22-OCT-91 SHEET 1